

In the claims:

1-28. (Canceled)

29. (Currently Amended) A monobore ~~wellbore~~ system of adjoining wellbores comprising:

a first casing positioned within a first wellbore extending from the surface, the first casing having a first inner diameter and a lap region; and

a second casing positioned within a second wellbore extending from the surface that adjoins the first wellbore such that a downhole end of the second casing is positioned within the lap region of the first casing, the second casing having a second inner diameter that is substantially the same as the first inner diameter, the downhole end of the second casing being coupled to the lap region of the first casing when the first casing is positioned within the first wellbore and the second casing is positioned within the second wellbore.

30. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the downhole end of the second casing forms a mechanical connection and a hydraulic seal with the lap region of the first casing.

31. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the downhole end of the second casing and lap region of the first casing are physically deformed.

32. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the downhole end of the second casing and lap region of the first casing are physically deformed by a plastic deformation process.

33. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the second casing intersects the first casing through a window in the first casing forming a junction therewith.

34. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the first ~~casing is~~ casing comprises a main wellbore casing of a multilateral wellbore.

35. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the first ~~casing is~~ casing comprises a branch wellbore casing of a multilateral wellbore.

36. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the second ~~casing is~~ casing comprises a main wellbore casing of a multilateral wellbore.

37. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the second ~~casing is~~ casing comprises a branch wellbore casing of a multilateral wellbore.

38. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the first and second ~~casings are~~ casings comprise branch wellbore casings of multilateral wellbores.

39. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the first and second ~~casings are~~ casings comprise main wellbore casings of multilateral wellbores.

40. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the first casing is a main wellbore casing and ~~second casing is~~ the second casing comprises a branch wellbore ~~casings of~~ casing of a multilateral ~~wellbores~~ wellbore.

41. (Currently Amended) The monobore ~~wellbore~~ system as recited in claim 29 wherein the first ~~casing is~~ casing comprises a branch wellbore casing and ~~second~~ the second casing is a main wellbore ~~casings of casing of a multilateral wellbores~~ wellbore.

42. (Currently Amended) A method of forming a connection between adjoining wellbores comprising the steps of:

installing a first casing within a first wellbore extending from the surface, the first casing having a first inner diameter and a lap region;

installing a second casing within a second wellbore extending from the surface that adjoins the first wellbore such that a downhole end of the second casing is positioned within the lap region of the first casing, the second casing having a second inner diameter that is substantially the same as the first inner diameter; and

coupling the downhole end of the second casing to the lap region of the first casing downhole.

43. (Original) The method as recited in claim 42 wherein the coupling step further comprises forming a mechanical connection and a hydraulic seal between the second casing and the lap region of the first casing.

44. (Original) The method as recited in claim 42 wherein the coupling step further comprises physically deforming the downhole end of the second casing and lap region of the first casing.

45. (Original) The method as recited in claim 42 wherein the coupling step further comprises plastically deforming the downhole end of the second casing and lap region of the first casing.

46. (Original) The method as recited in claim 42 wherein the installing a second casing step further comprises intersecting the second casing with the first casing through a window in the first casing forming a junction therewith.

47. (Original) The method as recited in claim 42 wherein the installing a first casing step further comprises installing a main wellbore casing in a multilateral wellbore.

48. (Original) The method as recited in claim 42 wherein the installing a first casing step further comprises installing a branch wellbore casing in a multilateral wellbore.

49. (Original) The method as recited in claim 42 wherein the installing a second casing step further comprises installing a main wellbore casing of a multilateral wellbore.

50. (Original) The method as recited in claim 42 wherein the installing a second casing step further comprises installing a branch wellbore casing in a multilateral wellbore.